ABSTRACT OF THE DISCLOSURE

A crop rake system for controlling the location of tines on the rake, which may include a rotatable rotation framework with an axis of rotation; a plurality of tines mounted to the rotation framework radially outward from the axis of rotation of the rotation framework; and a plurality of tine dampeners mounted to the rotation framework radially outward from the axis of rotation of the rotation framework, the plurality tine dampeners being mounted relative to the plurality of tines such as to determinethe depth at which the plurality of tines may penetrate into a ground surface. The invention also includes either separately or in combination, a means for contracting and transporting the rake system on roads and highways.